

WHAT IS CLAIMED IS:

1. A data communication apparatus comprising:
a memory for storing plural data;
transmission means for transmitting the plural
5 data stored in said memory;
display means for displaying situations of the
plural data stored in said memory; and
control means for performing, in case of
displaying the situations on said display means,
10 control to change order of display of the data being
transmitted by said transmission means.
2. An apparatus according to Claim 1, wherein
said display means displays the situations of the data
15 not being transmitted by said transmission means, in
order of storing these data in said memory.
3. An apparatus according to Claim 1, wherein
said control means performs control to shift upward the
20 data being transmitted by said transmission means and
cause said display means to display the shifted data.
4. An apparatus according to Claim 1, wherein
said control means performs control to shift downward
25 the data being transmitted by said transmission means
and cause said display means to display the shifted
data.

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preferentially display the situation of the protocol set by said setting means.

14. A data communication method comprising:

5 a display step of causing a display apparatus to display situations of plural data stored in a memory, so as to cause a data communication apparatus to transmit these data;

10 a judgment step of judging whether or not, in the plural data stored in the memory, the data being transmitted by the data communication apparatus exists; and

15 a change step of changing order of display of the data judged in said judgment step to be being transmitted by the data communication apparatus.

15. A method according to Claim 14, wherein said display step displays the situations of the data not being transmitted by the data communication apparatus, 20 in order of storing these data in the memory.

16. A method according to Claim 14, wherein said change step performs control to shift upward the data being transmitted by the data communication apparatus 25 and cause to display the shifted data.

17. A method according to Claim 14, wherein said

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change step performs control to shift downward the data being transmitted by the data communication apparatus and cause to display the shifted data.

5 18. A method according to Claim 14, wherein said display step displays the situations incapable of being displayed at one time, by scrolling a screen.

10 19. A method according to Claim 18, wherein said change step automatically scrolls the screen such that the data being transmitted by the data communication apparatus are displayed in a display area of the display apparatus.

15 20. A method according to Claim 14, wherein the data communication apparatus simultaneously transmits the plural data through plural lines, and said change step changes, in the situations of the plural data being transmitted by the data communication apparatus, the order of display while enabling discrimination of the used lines respectively.

25 21. A method according to Claim 14, wherein the data communication apparatus can perform batch transmission of the plural different data, and said change step causes to discriminate the data being transmitted by the data communication apparatus

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from the other data subjected to the batch
transmission, and display these data.

22. A method according to Claim 14, wherein
5 the data communication apparatus can transmit the
data by plural protocols, and

said change step causes to display the situations
such that it is possible to discriminate by which
protocol the data is transmitted with the data
10 communication apparatus.

23. A method according to Claim 22, wherein said
change step causes to display the situations in a state
that the plural protocols mixedly exist.

15 24. A method according to Claim 22, further
comprising a designation step of designating a desired
protocol, and

wherein said change step causes to display the
20 situation of the protocol designated in said
designation step.

25 25. A method according to Claim 22, wherein said
change step causes to preferentially display the
situation of the protocol of the data being transmitted
by the data communication apparatus.

26. A method according to Claim 22, further comprising a setting step of setting the protocol to be preferentially displayed, and

5 wherein said change step causes to preferentially display the situation of the protocol set in said setting step.

27. A program which is stored in a computer-readable memory and can be executed by a computer, comprising:

10 a display step of causing a display apparatus to display situations of plural data stored in a memory, so as to cause a data communication apparatus to transmit these data;

15 a judgment step of judging whether or not, in the plural data stored in the memory, the data being transmitted by the data communication apparatus exists; and

20 a change step of changing order of display of the data judged in said judgment step to be being transmitted by the data communication apparatus.

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